

**EAST Search History****EAST Search History (Prior Art)**

| Ref # | Hits | Search Query   | DBs                       | Default Operator | Plurals | Time Stamp          |
|-------|------|--|---------------------------|------------------|---------|---------------------|
| S1    | 1    | "10552961"   | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2009/05/13<br>13:25 |
| S2    | 27   | "68".clas. and (damp\$4<br>near5 (pin or bolt))  | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2009/05/13<br>13:55 |
| S3    | 404  | 68/23.1.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2009/05/13<br>13:57 |
| S4    | 139  | 68/23.1.ccls. and (pin or<br>bolt)   | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2009/05/13<br>13:57 |
| S5    | 14   | 68/23.1.ccls. and (pin or<br>bolt) near10 (elastic or<br>rubber or felt)                                 | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2009/05/13<br>13:57 |
| S6    | 270  | 68/23.2.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2009/05/13<br>14:10 |
| S7    | 367  | 68/23.3.ccls.  | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2009/05/13<br>14:10 |
| S8    | 983  | S3 or S6 or S7   | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2009/05/13<br>14:10 |
| S9    | 0    | ("2005/0183472").URPN.   | USPAT                     | OR               | ON      | 2009/05/13<br>14:12 |
| S10   | 9    | "1344596"  | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2009/05/13<br>14:35 |
| S11   | 2    | ("1344596").URPN.  | USPAT                     | OR               | ON      | 2009/05/13<br>14:37 |
| S12   | 0    | ("2005/0193779").URPN.   | USPAT                     | OR               | ON      | 2009/05/13<br>14:59 |
| S13   | 24   | ("3509742").URPN.  | USPAT                     | OR               | ON      | 2009/05/13<br>15:20 |
| S14   | 21   | ("0707388"   "3195809"  <br>"3509742"   "3804324").<br>PN. OR ("4079882").<br>URPN.                      | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2009/05/13<br>15:23 |
| S15   | 111  | S8 and ((pin or bolt)<br>near10 (elastic or rubber<br>or felt or compress\$4 or<br>spring or resilient)) | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2009/05/13<br>15:44 |
| S16   | 1    | ("2948401").URPN.  | USPAT                     | OR               | ON      | 2009/05/13<br>15:50 |
| S17   | 10   | ("2895697"   "3262661"  <br>"4548590"   "4643116").<br>PN. OR ("5230229").<br>URPN.                      | US-PGPUB;<br>USPAT; USOCR | OR               | ON      | 2009/05/13<br>16:37 |

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|-----|------|---|---------------------------|----|----|---------------------|
| S18 | 13   | ("2895697"   "3262661"   "4548590"   "4643116").<br>PN. OR ("5335522").<br>URPN.  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/13<br>16:40 |
| S19 | 1197 | ((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and ((pin or bolt) near10 (elastic or rubber or felt))  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/13<br>16:47 |
| S20 | 1016 | ((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and ((pin or bolt) near10 (hollow))   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/13<br>16:47 |
| S21 | 658  | ((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and ((pin or bolt) near5 (hollow))  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/13<br>16:47 |
| S22 | 1282 | ((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and ((pin or bolt) near10 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) near10 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior))                                  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/13<br>16:49 |
| S23 | 90   | ((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (((pin or bolt) near10 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) near10 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) same (damp \$4 or suspend\$3 or | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/13<br>16:51 |

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|     |    | suspension or vibrate or vibration or vibrating) )  |                        |    |    |                     |
| S24 | 7  | ("2324997").URPN.   | USPAT                  | OR | ON | 2009/05/13<br>17:01 |
| S25 | 14 | ("2324997"   "2851314"   "3288500"   "4139246").PN. OR ("4316643").URPN.  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13<br>17:02 |
| S26 | 5  | ((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (((pin or bolt) near10 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilieenc\$3) near10 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) same (damp \$4 or suspend\$3 or suspension or vibrate or vibration or vibrating) ) | EPO; JPO; DERWENT      | OR | ON | 2009/05/13<br>17:22 |
| S27 | 7  | ((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (((pin or bolt) near10 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilieenc\$3) near10 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) and (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)     | EPO; JPO; DERWENT      | OR | ON | 2009/05/13<br>17:24 |

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| S28 | 25   | ((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and ((pin or bolt) near10 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) and (internal \$3 or hollow or center or central\$3 or middle or inside or within or interior)) and (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating) | EPO; JPO;<br>DERWENT | OR | ON | 2009/05/13<br>17:25 |
| S29 | 1    | 2003-893324.NRAN.   | DERWENT              | OR | ON | 2009/05/13<br>17:30 |
| S30 | 2819 | ((pin or bolt) near10 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) and (internal \$3 or hollow or center or central\$3 or middle or inside or within or interior)) and (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)   | EPO; JPO;<br>DERWENT | OR | ON | 2009/05/13<br>17:36 |
| S31 | 1920 | ((pin or bolt) near5 (elastic \$3 or rubber\$3 or felt\$3 or compress\$4 or spring \$3 or resilient\$3 or resilienc\$3) and (internal \$3 or hollow or center or central\$3 or middle or inside or within or interior)) and (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)  | EPO; JPO;<br>DERWENT | OR | ON | 2009/05/13<br>17:36 |

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|-----|------|--|---------------------------|----|----|---------------------|
| S32 | 455  | ((pin or bolt) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) and (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)  | EPO; JPO;<br>DERWENT      | OR | ON | 2009/05/13<br>17:37 |
| S33 | 1758 | ((pin or bolt) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or spring\$3 or resilient\$3 or resilienc\$3) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) same (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating) | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/13<br>17:37 |
| S34 | 227  | ((pin or bolt) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) and (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)               | EPO; JPO;<br>DERWENT      | OR | ON | 2009/05/13<br>17:38 |
| S35 | 681  | ((pin or bolt) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) same (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)              | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/13<br>17:38 |

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| S36 | 177   | ((pin or bolt) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) near20 (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 18:08 |
| S37 | 327   | ((pin or bolt) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) same (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating)   | US-PGPUB; USPAT        | OR | ON | 2009/05/13 18:08 |
| S38 | 327   | S36 or S37  | US-PGPUB; USPAT        | OR | ON | 2009/05/13 18:08 |
| S39 | 2     | ("1344596").URPN.   | USPAT                  | OR | ON | 2009/05/13 18:12 |
| S40 | 87    | 411/479.ccls.   | USPAT                  | OR | ON | 2009/05/13 18:14 |
| S41 | 39    | 411/479.ccls. and (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3)   | USPAT                  | OR | ON | 2009/05/13 18:15 |
| S42 | 42    | 403/379.6.ccls.   | USPAT                  | OR | ON | 2009/05/13 18:40 |
| S43 | 12810 | ((pin or bolt or coupler or coupling) near5 (internal\$3 or hollow or center or central\$3 or middle or inside or within or interior)) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3)  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 18:50 |
| S44 | 4141  | ((pin or bolt or coupler or coupling) near5 (internal\$3 or hollow or inside or interior)) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3)  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 18:51 |

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| S45 | 1548 | ((pin or bolt or coupler or coupling) near5 (internal \$3 or hollow or inside or interior)) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) same (connect\$4 or join)             | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 18:52 |
| S46 | 1588 | ((pin or bolt or coupler or coupling) near5 (internal \$3 or hollow or inside or interior)) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) same (connect\$4 or join or couple)   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 18:52 |
| S47 | 547  | ((pin or bolt or coupler or coupling) near5 (internal \$3 or hollow or inside or interior)) near5 (elastic\$3 or rubber\$3 or felt\$3 or compress\$4 or resilient\$3 or resilienc\$3) near10 (connect\$4 or join or couple) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 18:53 |
| S48 | 8    | "5335522"   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 19:54 |
| S52 | 0    | gb490718  | EPO; JPO; DERWENT      | OR | ON | 2009/05/13 19:58 |
| S53 | 0    | gb490718a   | EPO; JPO; DERWENT      | OR | ON | 2009/05/13 19:58 |
| S54 | 519  | pin and hollow and shell  | EPO; JPO; DERWENT      | OR | ON | 2009/05/13 19:59 |
| S55 | 14   | pin and hollow and shell and compression  | EPO; JPO; DERWENT      | OR | ON | 2009/05/13 19:59 |
| S56 | 1    | "54057076"  | EPO; JPO; DERWENT      | OR | ON | 2009/05/13 20:14 |
| S57 | 804  | felt near5 compressible   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 20:51 |
| S58 | 313  | felt near5 compress   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 20:51 |
| S59 | 2142 | felt near5 resilient  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 20:51 |
| S60 | 97   | felt near5 dampen   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 20:52 |
| S61 | 51   | felt near5 dampen near5 (impact or vibration or sound)  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 20:52 |

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|-----|------|--|------------------------|----|----|------------------|
| S62 | 1    | (felt near5 rubber) near5 dampen near5 (impact or vibration or sound)  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/13 20:54 |
| S63 | 18   | "2819105"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/14 11:43 |
| S64 | 9    | "3333874"  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/14 11:44 |
| S65 | 4    | ("3333874").URPN.  | USPAT                  | OR | ON | 2009/05/14 11:45 |
| S66 | 7    | "3531903"  | USPAT                  | OR | ON | 2009/05/14 11:46 |
| S67 | 5    | ("3531903").URPN.  | USPAT                  | OR | ON | 2009/05/14 11:47 |
| S68 | 38   | ("1645701"   "2170708"   "2340423"   "3009597"   "3140540"   "3183394"   "3484931"   "3531903"   "3640361"   "3895409"   "3939529"   "4030003"   "4156049"   "4258089"   "4409354"   "4688317"   "4721406"   "4812367"   "4897439"   "4914146"   "5009557"   "5009959"   "5015136"   "5024881"   "5274921"   "5573846"   "5860780").PN. OR ("6272728").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/14 11:49 |
| S69 | 8    | ("2340423").URPN.  | USPAT                  | OR | ON | 2009/05/14 11:50 |
| S70 | 8    | ("2340423").URPN.  | USPAT                  | OR | ON | 2009/05/14 11:51 |
| S71 | 23   | ("1109094"   "1840928"   "2340423"   "2400142"   "2435847"   "2479075"). PN. OR ("3710674"). URPN.   | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/14 11:55 |
| S72 | 3    | ("1840928").URPN.  | USPAT                  | OR | ON | 2009/05/14 11:56 |
| S73 | 3464 | (expand\$4 or expans\$4) near10 (coupling or rivet or bushing or fastener or pin or bolt) near5 (rubber or resilient or resilience or elastic or thermoelastic or spring)  | USPAT                  | OR | ON | 2009/05/14 11:57 |
| S74 | 353  | (expand\$4 or expans\$4) near5 (coupling or rivet or bushing or fastener or pin or bolt) near5 (rubber or elastic or thermoelastic)  | USPAT                  | OR | ON | 2009/05/14 11:58 |

|     |       |  |                           |    |    |                     |
|-----|-------|--|---------------------------|----|----|---------------------|
| S75 | 8     | ("2400142").URPN.  | USPAT                     | OR | ON | 2009/05/14<br>11:59 |
| S76 | 13    | ("1407570"   "1420532"   "2207008"   "3277770").PN. OR ("3703119").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/14<br>15:07 |
| S77 | 9     | ("1120657"   "2771262"   "3778539"   "3813986"   "4997327").PN. OR ("RE35358").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/14<br>15:37 |
| S78 | 13    | ("1965145"   "2155584"   "3167935"   "3948574"   "4290236"   "4926529"   "5305594").PN. OR ("5667442").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/14<br>15:40 |
| S79 | 14    | ("3701373"   "4114509"   "4635326"   "5163795"   "5322402"   "5775860"   "6616479").PN. OR ("6769849").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/14<br>16:04 |
| S80 | 160   | (expand\$4 or expans\$4)<br>near5 (collar or grommet)<br>near5 (rubber or elastic or<br>thermoelastic)   | USPAT                     | OR | ON | 2009/05/14<br>16:10 |
| S81 | 14    | ("3701373"   "4114509"   "4635326"   "5163795"   "5322402"   "5775860"   "6616479").PN. OR ("6769849").URPN.   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/14<br>16:19 |
| S82 | 14828 | slotted near3 (bolt or pin)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/14<br>16:38 |
| S83 | 1814  | slotted near3 (bolt or pin)<br>near5 (connect\$4 or fasten<br>\$4 or join\$4)  | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/14<br>16:38 |
| S84 | 25    | slotted near3 (bolt or pin)<br>near5 (connect\$4 or fasten<br>\$4 or join\$4) near10<br>(compress\$4 or expand\$4<br>or expans\$4)                   | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/14<br>16:42 |
| S85 | 59    | yoon-seong-no\$.in. or lee-<br>bong-sang\$.in. or gong-<br>sung-rak\$.in. or kim-bo-<br>yeon\$.in. or lee-seong-yeol<br>\$.in. or kwon-dae-hee\$.in. | US-PGPUB;<br>USPAT; USOCR | OR | ON | 2009/05/14<br>16:55 |

|     |     |   |                        |    |    |                  |
|-----|-----|---|------------------------|----|----|------------------|
| S86 | 153 | lg.as. and ((wash\$4 or dry\$4 or laundry or fabric) near5 (appliance or machine or cloth\$4 or textile or garment or fabric)) and (pin or bolt) and (damp\$4 or suspend\$3 or suspension or vibrate or vibration or vibrating) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/05/14 16:59 |
| S87 | 977 | felt near5 lubricant  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 13:46 |
| S88 | 577 | felt near3 lubricant  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 13:46 |
| S89 | 47  | felt near3 lubricant and felt with compress\$4  | US-PGPUB; USPAT; USOCR | OR | ON | 2009/11/09 13:46 |

11/10/2009 9:05:08 AM

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